

WHAT IS CLAIMED IS:

1           1. A method for operating a wireless gateway, said  
2 method comprising the steps of:

3           receiving, at the wireless gateway, a communication  
4 message from a first communication network, the communication  
5 message including address information associated with a  
6 subscriber;

7           storing, by the wireless gateway, the communication  
8 message, the communication message being stored in association  
9 with the subscriber; and

10          selectively sending, with the wireless gateway using the  
11 wireless communication network, at least a portion of the  
12 communication message to a wireless device.

1           2. The method of claim 1, said method further  
2 comprising:

3           selectively sending, with the wireless gateway using the  
4 first communication network, at least a portion of the  
5 communication message to a first communication device.

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1 3. The method of claim 1, said method further  
2 comprising:  
3 storing by the wireless gateway, preference information  
4 in association with the subscriber.

1 4. The method of claim 1, said method further  
2 comprising:  
3 formatting, at a processing proxy, the communication  
4 message before the step of selectively sending the at least a  
5 portion of the communication message to the wireless device.

1 5. The method of claim 1, said method further  
2 comprising:  
3 establishing session information in association with a  
4 communication session, the session information providing  
5 threading and state information for session participant  
6 messages.

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1           6. The method of claim 1, wherein the receiving step  
2 further includes validating a subscriber to which the  
3 communication message is addressed against stored subscriber  
4 validation information.

1           7. The method of claim 1, wherein the selectively  
2 sending step further includes formatting the at least a  
3 portion of the communication message in accordance with at  
4 least one of wireless device capabilities, and stored  
5 preference information associated with the subscriber.

1           8. The method of claim 1, wherein the selectively  
2 sending step further includes routing the at least a portion  
3 of the communication message in accordance with stored  
4 location information, the stored location information  
5 indicating a location of the wireless device within the  
6 wireless network.

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1           9.    The method of claim 1, wherein the receiving step  
2    further includes authenticating an originator of the  
3    communication message.

1           10.   The method of claim 1, wherein the at least a  
2    portion of the communication message is determined in  
3    accordance with stored subscriber preferences.

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1 11. A wireless messaging system, said wireless messaging  
2 system comprising:

3 a first communication network;

4 a wireless communication network; and

5 a wireless gateway in communication with said first  
6 communication network and said wireless communication network,  
7 said wireless gateway receiving, from the first network, a  
8 communication message including address information associated  
9 with a subscriber, said wireless gateway having a database,  
10 the database storing the communication message, the  
11 communication message being stored in association with the  
12 subscriber, and said wireless gateway capable of selectively  
13 sending at least a portion of the communication message to a  
14 wireless device using the wireless communication network.

1 12. The wireless messaging system of claim 11, wherein  
2 said wireless gateway is capable of selectively sending, using  
3 the first communication network, at least a portion of the  
4 communication message to a first communication device.

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1           13. The wireless messaging system of claim 11, wherein  
2 the wireless gateway is capable of storing, in the database,  
3 preference information in association with the subscriber.

1           14. The wireless messaging system of claim 11, further  
2 comprising:

3           a processing proxy in communication the wireless gateway,  
4 the processing proxy capable of formatting the communication  
5 message before selectively sending the at least a portion of  
6 the communication message to the wireless device.

1           15. The wireless messaging system of claim 11, wherein  
2 the wireless gateway is further capable of establishing  
3 session information in association with a communication  
4 session, the session information providing threading and state  
5 information for session participant messages.

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1 16. The wireless messaging system of claim 11, wherein  
2 the wireless gateway is further capable of validating a  
3 subscriber to which the received communication message is  
4 addressed against subscriber validation information stored in  
5 the database.

1 17. The wireless messaging system of claim 11, wherein  
2 the wireless gateway is further capable of formatting the at  
3 least a portion of the communication message in accordance  
4 with at least one of wireless device capabilities, and  
5 preference information in a profile associated with the  
6 subscriber, the preference information being stored in the  
7 database.

1 18. The wireless messaging system of claim 11, wherein  
2 the wireless gateway is further capable of routing the at  
3 least a portion of the communication message in accordance  
4 with location information stored in the database, the location  
5 information indicating a location of the wireless device  
6 within the wireless network.

Subs A1 } 1 19. The wireless messaging system of claim 11, wherein  
2 the wireless gateway is further capable of authenticating an  
3 originator of the communication message.

1 20. The wireless messaging system of claim 11, wherein  
2 the at least a portion of the communication message is  
3 determined in accordance with subscriber preference  
4 information stored in the database.

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1 21. An apparatus for wireless messaging, the apparatus  
2 comprising:  
3 a first interface in communication with a first  
4 communication network;  
5 a second interface in communication with a wireless  
6 communication network; and  
7 a wireless gateway in communication with said first  
8 interface and said second interface, said wireless gateway  
9 receiving, from the first interface, a communication message  
10 including address information associated with a subscriber,  
11 said wireless gateway having a database, the database storing  
12 the communication message, the communication message being  
13 stored in association with the subscriber, and said wireless  
14 gateway capable of selectively sending at least a portion of  
15 the communication message to a wireless device using the  
16 wireless communication network.

1 22. The apparatus of claim 21, wherein said wireless  
2 gateway is capable of selectively sending, using the first  
3 communication network, at least a portion of the communication  
4 message to a first communication device.

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1 23. The apparatus of claim 21, wherein the wireless  
2 gateway is capable of storing, in the database, preference  
3 information in association with the subscriber.

1 24. The apparatus of claim 21, further comprising a  
2 processing proxy in communication with the wireless gateway,  
3 the processing proxy capable of formatting the communication  
4 message before selectively sending the at least a portion of  
5 the communication message to the wireless device.

1 25. The apparatus of claim 21, wherein the wireless  
2 gateway is further capable of establishing session information  
3 in association with a communication session, the session  
4 information providing threading and state information for  
5 session participant messages.

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1 26. The apparatus of claim 21, wherein the wireless  
2 gateway is further capable of validating a subscriber to which  
3 the received communication message is addressed against  
4 subscriber validation information stored in the database.

1 27. The apparatus of claim 21, wherein the wireless  
2 gateway is further capable of formatting the at least a  
3 portion of the communication message in accordance with at  
4 least one of wireless device capabilities, and preference  
5 information in a profile associated with the subscriber, the  
6 preference information being stored in the database.

1 28. The apparatus of claim 21, wherein the wireless  
2 gateway is further capable of routing the at least a portion  
3 of the communication message in accordance with location  
4 information stored in the database, the location information  
5 indicating a location of the wireless device within the  
6 wireless network.

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1           29. The apparatus of claim 21, wherein the wireless  
2 gateway is further capable of authenticating an originator of  
3 the communication message.

1           30. The apparatus of claim 21, wherein the at least a  
2 portion of the communication message is determined in  
3 accordance with subscriber preference information stored in  
4 the database.

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